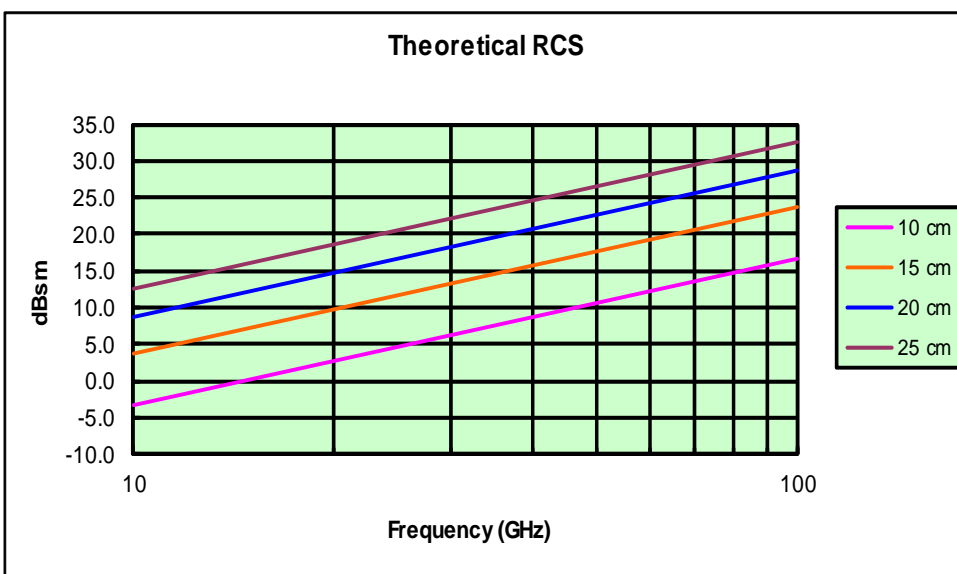


Description

Precision radar cross section measurements demand precision calibration targets like the TCR Series of trihedral corner reflectors from Innovative Technical Systems. Manufactured to close mechanical tolerances, TCR trihedrals will provide reliable and repeatable calibration standards over a wide frequency range through 100 GHz. Surface flatness and perpendicularity are maintained to 1/100 of a wavelength to insure close agreement with theoretical performance.

These precision aluminum corner reflectors feature an angled, knife-sharp leading edges and a versatile mounting interface. Each reflector is furnished with a removable mounting bracket to allow customizing the attachment to support structures such as tripods. All reflectors are available with an optional rugged, foam-lined protective case for safe storage and transportation. The reflective surfaces are finished with a conductive chem-film and the outside surface is protected with a durable paint coating.

All corner reflectors are made to order. Just specify the desired RCS value at a given frequency or indicate the length of the inside edge from any value between 50 and 250mm.



Ordering Information

Example sizes:

TCR-60	60 mm
TCR-100	100 mm
TCR-220	220 mm
TCR-XXX	XXX mm

Dimension is inside edge

Add C suffix to add foam lined case.
Example: TCR-220C